



# DANAMRAJ & YOUST, P.C.

ATTORNEYS AND COUNSELORS  
INTELLECTUAL PROPERTY LAW AND RELATED MATTERS

12900 PRESTON ROAD, SUITE 1200, LB 15  
DALLAS, TEXAS 75230-1328  
(972) 720-1202 (tel)  
(972) 720-1139 (fax)

WRITER'S DIRECT DIAL NUMBER  
(972) 392-2696

SHREEN K. DANAMRAJ  
LAWRENCE R. YOUST  
BRANDI W. SARFATIS  
SCOTT T. GRIGGS

WRITER'S EMAIL ADDRESS  
lawrence@dy-iplaw.com

October 30, 2003

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: Serial No.: 10/624,109  
Apparatus and Method for Monitoring a Treatment Process in a Production Interval  
Our File: 1301-1135

Dear Sir:

Enclosed for filing please find the following items relating to the above-identified application:

- (1) Information Disclosure Statement;
- (2) Form PTO/SB/08A and Form PTO/SB/08B (with references); and
- (3) Postcard.

Please file the above and return the date-stamped postcard to our office at the address listed above. In the meantime, if you have any questions or comments concerning this matter, please call the undersigned at your earliest convenience. Otherwise, please accept the enclosed.

Sincerely,

Lawrence R. Youst  
Reg. No. 38,795

Enclosures

<p>Date of Deposit: October 30, 2003 CERTIFICATE OF MAILING BY FIRST CLASS MAIL: I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450</p> <p>Lawrence R. Youst</p>
--



Attorney Docket No.: 1301-1135  
Halliburton Docket No.: 2001-IP-003050 U1 USA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application: David E. McMechan et al.  
Serial No. 10/624,109  
Filed: July 21, 2003  
Art Unit: 3672  
Examiner: Unassigned  
For: Apparatus and Method for Monitoring a Treatment Process in a Production Interval

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

As listed on the accompanying form PTO/SB/08A and form PTO/SB/08B, submitted herewith are copies of the indicated references which applicant believes may be material to the examination of the above-identified application, and in respect of which there may be a duty to disclose in accordance with 37 CFR §1.56.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made, an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists. Further, the filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Written notification that the enclosed references have been considered in their entirety by return of a copy of the enclosed form, completed by the Examiner, is respectfully requested.

IDENTIFICATION OF TIME OF FILING THE  
INFORMATION DISCLOSURE STATEMENT

[X] This Information Disclosure Statement is being filed within three months of the filing date of the national application other than a continued prosecution application under §1.53(d) or within three months of the date of entry of the national stage as set forth in §1.491 in an international application or before the mailing date of a first Office Action on the merits or before the mailing of a first Office Action after the filing of a request for continued examination under §1.114. (37 CFR §1.97(b)).

- ☐ This Information Disclosure Statement is being filed after the period specified in 37 CFR §1.97(b) but before the mailing date of a final action under §1.113 or a notice of allowance under §1.311 or an action that otherwise closes the prosecution in the application. (37 CFR §1.97(c)).

Accompanying this transmittal is:

- ☐ the statement specified in 37 CFR §1.97(e); or
- ☐ the fee set forth in 37 CFR §1.17(p) of \$180.00.

- ☐ This Information Disclosure Statement is being filed after the period specified in 37 CFR §1.97(c) but before or simultaneously with the payment of the issue fee. (37 CFR §1.97(d)).

Accompanying this transmittal is:

- a. the statement as specified in 37 CFR §1.97(e); and
- b. the fee set forth in 37 CFR §1.17(p) of \$180.00.

CERTIFICATION FOR INFORMATION DISCLOSURE STATEMENT 37 CFR §1.97(e)  
(Only if Required Above)

I, the person(s) signing below certify:

- ☐ that each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. (37 CFR §1.97(e)(1)); or
- ☐ that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in the counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonably inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the information disclosure statement. (37 CFR §1.97(e)(2)).

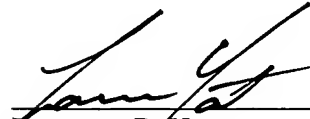
FEE PAYMENT

- ☐ attached is a check in the amount of \$180.00
- ☐ charge Deposit Account No. 03-1130 \$180.00

Applicant believes no additional fees are due for the filing of this IDS. However, if any additional fees are due, or any overpayments have been made, please charge, or credit, Deposit Account No. 03-1130.

Dated this 30th day of October, 2003.

Respectfully Submitted,



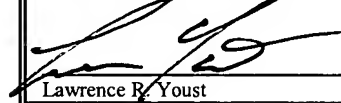
Lawrence R. Youst  
Attorney for Applicant and Assignee  
Registration No.: 38,795

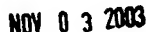
Danamraj & Youst, P.C.  
12900 Preston Road  
Suite 1200, LB-15  
Dallas, TX 75230-1328  
(972) 392-2696  
(972) 720-1139 (FAX)

Date of Deposit: October 30, 2003

**CERTIFICATE OF MAILING BY FIRST CLASS MAIL:**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

  
Lawrence R. Youst



Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

*(Use as many sheets as necessary)*

**Complete if Known**

Application Number	10/624,109
Filing Date	July 21, 2003
First Named Inventor	David E. McMechan et al.
Art Unit	3672
Examiner Name	Unassigned
Attorney Docket Number	1301-1135

Sheet	1	of	2
-------	---	----	---

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	7 <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		WO 99/12630	03-18-1999	Gillespie et al.		
		WO 00/61913	10-19-2000	Jones		
		EP 1 132 571 A1	02-16-2001	Dusterhoft et al.		
		WO 01/14691 A1	03-01-2001	Jones et al.		
		WO 01/42620 A1	06-14-2001	Bixenman et al.		
		WO 01/44619 A1	06-21-2001	Tibbles et al.		

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

*If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.*



PTO/SB/08A (02-03)

Approved for use through 04/30/2003. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

**Compleat if Known**

**(Use as many sheets as necessary)**

Sheet	2	of	2
-------	---	----	---

Application Number	10/624,109
Filing Date	July 21, 2003
First Named Inventor	David E. McMechan et al.
Art Unit	3672
Examiner Name	Unassigned
Attorney Docket Number	1301-1135

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		WO 01/49970 A1	07-12-2001	Morton et al.		
		WO 02/10554 A1	02-07-2002	Jones		

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.<sup>1</sup> Applicant's unique citation designation number (optional).<sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.<sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, Washington, DC 20231.**

**If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.**



PTO/SB/08B (02-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

2

**Complete if Known**

Applicati n Number

10/624,109

Filing Dat

July 21, 2003

First Named Inventor

David E. McMechan et al.

Art Unit

3672

Examiner Name

Unassigned

Attorney Docket Number

1301-1135

**OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		RESTARICK of Otis Engineering Copr.; "Mechanical Fluid-Loss Control Systems Used During Sand Control Operations"; 1992; Pages 21-36.	
		Halliburton Energy Services, Inc.; "Sand Control Screens"; 1994; 4 pages.	
		EBINGER of Ely & Associates Inc.; "Frac Pack Technology Still Evolving"; 1995; Pages 60-70; Oil & Gas Journal.	
		HAILEY and COX of Haliburton Energy Services, Inc. and JOHNSON of BP Exploration (Alaska); "Screenless Single Trip Multizone Sand Control Tool System Saves Rig Time"; February 2000; Pages 1-11; Society of Petroleum Engineers Inc.	
		Halliburton Energy Services, Inc.; "Caps Sand Control Service for Horizontal Completions Improves Gravel Pack Reliability and Increases Production Potential from Horizontal Completions"; August 2000; 2 pages.	
		Halliburton Energy Services, Inc.; "CAPS Concertric Annular Packing Service for Sand Control"; August 2000; 4 pages.	
		SALDUNGARAY of Schlumberger, TRONCOSO and SANTOSO of Repsol-YPF; "Simultaneous Gravel Packing and Filter Cake Removal in Horizontal Wells Applying Shunt Tubes and Novel Carrier and Breaker Fluid"; March 2001; Pages 1-6; Society of Petroleum Engineers, Inc.	
		Schlumberger; "QUANTUM Zonal Isolation Tool"; Pages 12-13; Sand Face Completions Catalog.	
		Halliburton Energy Services, Inc.; "Absolute Isolation System (AIS) Components"; 1 page.	
		OSCA Corporate Headquarters; "HPR-ISO System"; 2000; 1 page; Technical Bulletin.	

Examiner  
Signature

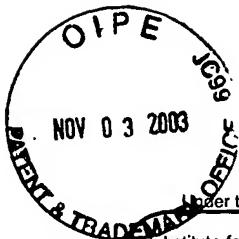
Date

Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08B (02-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/624,109
Filing Date	July 21, 2003
First Named Inventor	David E. McMechan et al.
Art Unit	3672
Examiner Name	Unassigned
Attorney Docket Number	1301-1135

Sheet 2 of 2

**OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		OSCA Corporate Headquarters; "The ISO System"; 2000; 1 page; Technical Bulletin	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.